

Title (en)

Methods and apparatus to prioritize mobile station transmissions in response to network acknowledgment polling

Title (de)

Verfahren und Vorrichtung zur Priorisierung von Mobilstationsübertragungen als Reaktion auf die Netzwerkbestätigungsabfrage

Title (fr)

Procédés et appareil pour donner priorité aux transmissions de station mobile en réponse à un sondage d'accusés de réception de réseau

Publication

**EP 2244401 A2 20101027 (EN)**

Application

**EP 10160513 A 20100420**

Priority

US 17132309 P 20090421

Abstract (en)

Methods and apparatus to prioritize mobile station transmissions in response to network acknowledgment polling are disclosed. An example method in a mobile station (105) disclosed herein comprises receiving a request (206) for acknowledgment information expected to be transmitted with data, and transmitting a control message (214) in response to the request (206) if a previously transmitted data block is associated with a tentative acknowledgment state, the control message including acknowledgment information.

IPC 8 full level

**H04L 1/16** (2006.01); **H04L 1/18** (2006.01)

CPC (source: BR EP KR US)

**H04L 1/16** (2013.01 - KR); **H04L 1/1664** (2013.01 - BR); **H04L 1/1685** (2013.01 - BR); **H04L 1/1854** (2013.01 - BR EP US);  
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**H04L 1/1685** (2013.01 - EP US)

Citation (applicant)

- US 6171323 A
- "3GPP STANDARD; 3GPP TS 44.060, 3RD GENERATION PARTNERSHIP PROJECT (3GPP", MOBILE COMPETENCE CENTRE, article "3 rd Generation Partnership Project: Technical Specification Group GSM/EDGE Radio Access Network ; General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio", pages: 1 - 589

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CN108353428A; EP2443769A4; WO2010147403A2; US9419778B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)

AL BA ME RS

DOCDB simple family (publication)

**EP 2244401 A2 20101027; EP 2244401 A3 20110302; EP 2244401 B1 20121212;** AU 2010239061 A1 20111110; AU 2010239061 B2 20140220;  
BR PI1013861 A2 20190416; BR PI1013861 B1 20210223; CA 2759784 A1 20101028; CA 2759784 C 20170704; CN 102405663 A 20120404;  
CN 102405663 B 20140917; HK 1150100 A1 20111028; JP 2012524480 A 20121011; JP 5205550 B2 20130605; KR 101245058 B1 20130319;  
KR 101300988 B1 20130827; KR 20120011874 A 20120208; KR 20120135929 A 20121217; SG 175177 A1 20111128;  
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WO 2010121371 A1 20101028

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**EP 10160513 A 20100420;** AU 2010239061 A 20100420; BR PI1013861 A 20100420; CA 2010000597 W 20100420; CA 2759784 A 20100420;  
CN 201080017507 A 20100420; HK 11104215 A 20110427; JP 2012506299 A 20100420; KR 20117026827 A 20100420;  
KR 20127030941 A 20100420; SG 2011074150 A 20100420; US 201113244724 A 20110926; US 76384210 A 20100420